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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/829,171	04/09/2001	George M. Brookner	26978A-006610US	9225
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Townsend and Townsend and Crew LLP Two Embarcadero Center San Francisco, CA 94111-3834			EXAMINER ROBINSON BOYCE, AKIBA K	
			ART UNIT 3628	PAPER NUMBER
			MAIL DATE 06/16/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/829,171

Applicant(s)

BROOKNER ET AL.

Examiner

AKIBA K. ROBINSON BOYCE

Art Unit

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 February 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 3, 5, 9, 10, 12-16, 19, 20 and 24-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3, 5, 9, 10, 12-16, 19, 20 and 24-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/3508)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Status of Claims

1. Due to communications filed 2/25/08, the following is a final office action. Claims 1, 3, 5, 9, 10, 12, 13, 15, 16, 19, 20, 24, 25 and 28-35 have been amended. Claims 2, 4, 6-8, 11, 17, 18, and 21-23 have been cancelled. Claims 36-38 have been added. Claims 1, 3, 5, 9, 10, 12-16, 19, 20, and 24-38 are pending in this application, and have been examined on the merits. The previous rejection has been adjusted to reflect claim amendments. Claims 1, 3, 5, 9, 10, 12-16, 19, 20, and 24-38 have been rejected as follows.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 9, 10, 12, 13, 14, 15, 16, 20, 26, 27, 30, 35, 36, are rejected under 35 U.S.C. 103(a) as being unpatentable over DeFilippo et al (US 6044364).

As Per Claim 1, DeFilippo et al discloses:

upon power-up of the postal device, transmitting from the postal device to a remote server present location information of the postal device, wherein the present location information of the postal device is transmitted automatically by the postal device without any user interaction/ determining, at the remote server, a present location of the postal device based on the present location information, (Fig. 3, and

col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked, the postage meter requests zip code data for portable vault/printhead module, and the data center ultimately downloads the appropriate zip code data to base microprocessor, where in this case, the base micro processor represents the remote server since it is necessary for a microprocessor to have a server to access necessary data files).

comparing at the remote server the present location of the postal device with previously stored location information of the postal device, (col. 5, lines 25-32, zip code data (data indicative of location) stored is checked to see if it matches a zip code data store in NVM of printhead module prior to authorizing printing of the requested postage amount on a mailpiece);

determining, at the remote server, whether the present location of the postal device is within a predetermined region specified by the previously stored location information; and when the present location of the device is within the predetermined region, transmitting to the device from the remote device an authorization to use the funds; when the present location of the device is not within the predetermined region, transmitting to the postal device from the remote server..inhibiting use of the funds stored in the postal device, (col. 5, lines 25-47, when a match occurs, printing of postage authorized, if a match does not occur, preventing the printing of postage by the postage metering system);

DeFilippo et al does not specifically disclose the transmission of a signal, however does disclose that Signals from motion encoder are sent to printhead module

to coordinate the energizing of individual printhead elements col. 4, lines 47-49, thereby showing that a signal is needed for use of the printhead elements of the meter, and therefore suggesting signals indicating usage of the meter.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to produce a signal inhibiting use with the motivation of providing an indication that the meter can not be used.

As per claim 15, DeFilippo et al discloses:

further comprising transmitting from the remote server to the postal device a zip code corresponding to the present location of the postal device, (col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked, the postage meter requests zip code data for portable vault/printhead module, and the data center ultimately downloads the appropriate zip code data to base microprocessor).

As per claims 9,10,12, 27, DeFilippo et al does not specifically disclose the following, however does disclose securely communicating with data center 10 via a modem in col. 3, lines 49-53, which therefore suggest the following:

wherein transmitting comprises transmitting the present location information over a telephone line/wherein transmitting comprises transmitting the present location information over an internet connection/wherein transmitting comprises transmitting the present location information over a cellular telephone system/ further comprising determining the present location of the device based on a location identifier of the cellular telephone system.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to transmit via telephone line, internet or cellular telephone system with the motivation of securely transmitting data over a network.

As per claims 13, 14, 30, 35, DeFilippo et al doesn't explicitly disclose: wherein transmitting comprises transmitting the present location information based on an output of a position determining apparatus of the postal device/wherein the position determining apparatus is a global positioning system receiver/wherein the location generator is a global position system receiver, but does disclose geographical location/limitations in Col. 8, lines 35-43, which suggests that an actual GPS system is not used but a locator system is capable of functioning in the same manner as the GPS.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to include a device that is associated with a GPS system in conjunction with a locator system within the system taught by Eddy's with motivation if locating a device using Global Positioning System to operate the system more efficiently.

As per claims 16, 36, DeFilippo et al discloses:

a memory for storing a value indicative of the funds/a memory for storing an amount of funds;

a communication port accessible by the host processor, (col 4, line 57, non-volatile memory);

a location generator for generating present location information of the postal device/ and

a location generator that provides..., upon powering up, indicating the location of the device to the remote server via the communication port and the host processor., (col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked);

a communication port for providing communication between the postal device and a remote server, (col. 4, lines 24-34, establishes communication); wherein

the present location information is transmitted via the communication port to the remote server automatically upon power-up of the postal device and without any user interaction, (Fig. 3, and col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked, the postage meter requests zip code data for portable vault/printhead module, and the data center ultimately downloads the appropriate zip code data to base microprocessor, where in this case, the base micro processor represents the remote server since it is necessary for a microprocessor to have a server to access necessary data files);

an authorization is received via the communication port from the remote server to use the postal device and the stored funds when a present location of the postal device as determined from the present location information indicates the present location of the postal device is within a preauthorized region of operation, and ...by the postal device via the communication port from the remote server inhibiting use of the postal device and the stored funds when the present location of the postal device indicates that the present location of the postal device is outside the preauthorized

region of operation, (col. 5, lines 25-32, zip code data (data indicative of location) stored is checked to see if it matches a zip code data store in NVM of printhead module prior to authorizing printing of the requested postage amount on a mailpiece, w/col. 5, lines 25-47, when a match occurs, printing of postage authorized, if a match does not occur, preventing the printing of postage by the postage metering system).

DeFilippo et al does not specifically disclose the transmission of a signal, however does disclose that Signals from motion encoder are sent to printhead module to coordinate the energizing of individual printhead elements col. 4, lines 47-49, thereby showing that a signal is needed for use of the printhead elements of the meter, and therefore suggesting signals indicating usage of the meter.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to produce a signal inhibiting use with the motivation of providing an indication that the meter can not be used.

As per claim 20, DeFilippo et al discloses:

a local device for securely storing the funds and outputting a proof of postage indicium, comprising: a memory for storing value indicative of the funds and a postal drop off location, (col 4, line 57, non-volatile memory);

a location generator for generating present postal drop off location information of the local device, (col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked);

a communication port for providing communication between the local device and a remote server, (col. 4, lines 24-34, establishes communication);

wherein the communication port transmits the present location information to the remote server automatically upon power-up of the device and without any user interaction, (Fig. 3, and col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked, the postage meter requests zip code data for portable vault/printhead module, and the data center ultimately downloads the appropriate zip code data to base microprocessor, where in this case, the base micro processor represents the remote server since it is necessary for a microprocessor to have a server to access necessary data files);

the remote server, comprising:

a database storing a preauthorized region of operation including postal drop off location for the local device, (col. 2, line 54-col. 3, line 10, shows structure for storing second data)

wherein:

the remote server compares a present postal drop off location of the local device provided by the present location information to the preauthorized region of operation, (col. 5, lines 25-32, zip code data (data indicative of location) stored is checked to see if it matches a zip code data store in NVM of printhead module prior to authorizing printing of the requested postage amount on a mailpiece);

the remote sever issues an authorization to the local device to allow it to use the funds if the present postal drop off location of the local device is within the preauthorized region of operation, the remote server ... to the local device inhibiting use of the funds if the present postal drop off location of the local device is outside the

preauthorized region of operation (col. 5, lines 25-32, zip code data (data indicative of location) stored is checked to see if it matches a zip code data store in NVM of printhead module prior to authorizing printing of the requested postage amount on a mailpiece, w/col. 5, lines 25-47, when a match occurs, printing of postage authorized, if a match does not occur, preventing the printing of postage by the postage metering system);

DeFilippo et al does not specifically disclose the transmission of a signal, however does disclose that Signals from motion encoder are sent to printhead module to coordinate the energizing of individual printhead elements col. 4, lines 47-49, thereby showing that a signal is needed for use of the printhead elements of the meter, and therefore suggesting signals indicating usage of the meter.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to produce a signal inhibiting use with the motivation of providing an indication that the meter can not be used.

As per claim 26, DeFilippo et al does not specifically disclose the following, however does disclose secure communication with data center 10 via a modem in col. 3, lines 49-53, therefore making the following obvious:

determining the present location of the device based on a network address of the device.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to determine the present location based on the network address of

the device with the motivation of using Internet resources to track the device's transmitted data.

4. Claims 3, 5, 19, 24, 25, 28, 29, 31, 32, 33, 34, 37, 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeFilippo et al (US 6044364), and furthering view of Eddy et al (US 5,812,400).

As per claims 3, 24, 29, 33, 34, DeFilippo et al does not specifically disclose the following, however does disclose secure communication with data center 10 via a modem in col. 3, lines 49-53.

However, Eddy discloses a system for identifying the physical location of devices where:

when the present location of the postal device is not within the predetermined region, issuing a license for the device to use the funds at the present location of the device/transmitting from the remote server to a postal carrier a request for a new location license/wherein the communication port receives from the remote server a license to use the funds at the present location of the postal device from the remote device when the present location of the postal device indicates that the present location of the postal device is outside the preauthorized region of operation/ wherein the communication port receives from the remote server a license permitting the local device to use the funds the local device is outside the preauthorized region of operation/

wherein the remote server requests the license from a postal carrier, (col. 10, lines 58-67, licensing requirements). Eddy et al discloses this limitation in an analogous art for the purpose of showing that meters are licensed to be operated in a particular location.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to issue a license for the device to use the funds at the present location if the location of the device is not within the predetermined region with the motivation of maintaining eligibility for operating the device.

As per claim 5, DeFilippo et al discloses:

further comprising transmitting from the remote server to the postal device a zip code, corresponding to the present location of the postal device, (Fig. 3, and col. 7, line 66-Col. 8, line 45, shows upon power up, zip code information is checked, the postage meter requests zip code data for portable vault/printhead module, and the data center ultimately downloads the appropriate zip code data to base microprocessor, where in this case, the base micro processor represents the remote server since it is necessary for a microprocessor to have a server to access necessary data files).

As per claims 19, 28, 31, 32, DeFilippo et al does not specifically disclose the following, however does disclose secure communication with data center 10 via a modem in col. 3, lines 49-53.

However Eddy teaches that identifying the dispense postage and location identifier which indicates the amount while being verified by the postal authority to

authenticate the authenticity of the transaction in column 11, lines 19-45. In addition, while Eddy doesn't explicitly mention digitally signing. Digitally signing relates to verification and verification is met when the postal authority examines the transaction.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to include a device that is capable of digitally signing said communication for the reasons of distributing funds or assessing funds by via of postal authority authorization to make the system more efficient for operation.

As per claim 25, DeFilippo et al does not specifically disclose the following, however does disclose secure communication with data center 10 via a modem in col. 3, lines 49-53.

However, Eddy discloses:

further comprising determining the present postal drop off location of the device based on caller identification information, (col. 6, lines 18-57). Eddy discloses this limitation in an analogous art at the time of the applicant's invention for the purpose of showing that telephone numbers are included in determining the meter location.

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to determine the postal drop off location of the device based on caller identification information with the motivation of providing location through telephone number.

As per claims 37 and 38, DeFilippo et al does not specifically disclose the following, however does disclose a display in col. 4, lines 21-24.

However, Eddy discloses:

whereby the device location code may be displayed by the device/whereby the device location may be displayed by the device. (col. 2, lines 40-46, displaying location data).

Eddy discloses this limitation in an analogous art for the purpose of showing that location data is displayed for a meter system

It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention for the device location code/location to be displayed with the motivation of allowing a user to view location data.

Response to Arguments

5. Applicant's arguments with respect to claims 1, 3, 5, 9, 10, 12-16, 19, 20, and 24-38 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Akiba K Robinson-Boyce whose telephone number is 571-272-6734. The examiner can normally be reached on Monday-Friday 9am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Hayes can be reached on 571-272-6708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

•Patent Application Information Retrieval (PAIR) system, Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

A. R. B.
June 14, 2008

/Akiba K Robinson-Boyce/
Primary Examiner, Art Unit 3628